

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

**HOBBS OGD**  
MAR 02 2020  
**RECEIVED**

Submit one copy to appropriate District Office

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address CHISHOLM ENERGY OPERATING, LLC 801 CHERRY STREET, SUITE 1200-UNIT 20 FORT WORTH, TX 76102		<sup>2</sup> OGRID Number 372137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW-12/11/2019
<sup>4</sup> API Number 30 - 025-46394	<sup>5</sup> Pool Name LEA; BONE SPRING, SOUTH	<sup>6</sup> Pool Code 37580 <b>K2</b>
<sup>7</sup> Property Code 326098	<sup>8</sup> Property Name LAGUNA 23 2BS FEDERAL COM	<sup>9</sup> Well Number 5H

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	23	20S	34E		225	SOUTH	2055	WEST	LEA

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	20S	34E		101	NORTH	2118	WEST	LEA

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
S	P	12/11/2019			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
372603	3BEAR FIELD SERVICES, LLC	O/W
24650	TARGA MIDSTREAM SERVICES, LLC	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBSD	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
10/17/2019	12/07/2019	15495'MD/10525'TVD	15489'MD/10525'TVD	10661'-15455'	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5"	13.375", 54.5#, J-55	1685'	1245		
12.25"	9.625", 40#, J-44	5706'	1695		
8.75"	5.5", 20#, P-110	15489'	1950		

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
12/11/2019	12/11/2019	01/15/2020	24	200	1100
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
64/64	363	663	759	P-GAS LIFT	

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Jennifer Elrod*  
Printed name: JENNIFER ELROD  
Title: SR. REGULATORY ANALYST  
E-mail Address: JELROD@CHISHOLMENERGY.COM  
Date: 02/01/2020 Phone: 817-953-3728

OIL CONSERVATION DIVISION  
Approved by: *P. Martin*  
Title: *LM*  
Approval Date: *3/5/2020*

# HOBBS OCD

Form 3160-4  
(August 2007)

MAR 02 2020

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NMLC066126

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator CHISHOLM ENERGY OPERATING, L.P. Contact: JENNIFER ELROD  
Email: JELROD@CHISHOLMENERGY.COM

8. Lease Name and Well No.  
LAGUNA 23 2BS FEDERAL COM 5H

3. Address 801 CHERRY STREET SUITE 1200-UNIT 20 FORT WORTH, TX 76102  
3a. Phone No. (include area code) Ph: 817-953-3728

9. API Well No. 30-025-46394

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface SESW 225FSL 2055FWL 32.551984 N Lat, 103.532834 W Lon  
At top prod interval reported below SESW 367FSL 2148FWL 32.552373 N Lat, 103.532532 W Lon  
At total depth NENW 101FNL 2118FWL 32.565601 N Lat, 103.532642 W Lon

10. Field and Pool, or Exploratory  
LEA; BONE SPRING, SOUTH

11. Sec., T., R., M., or Block and Survey  
or Area Sec 23 T20S R34E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 10/17/2019  
15. Date T.D. Reached 11/10/2019  
16. Date Completed  D & A  Ready to Prod. 12/07/2019

17. Elevations (DF, KB, RT, GL)\*  
3681 GL

18. Total Depth: MD 15495 TVD 10525  
19. Plug Back T.D.: MD 15489 TVD 10525  
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
GAMMA, CBL, MWD  
22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit analysis)  
Directional Survey?  No  Yes (Submit analysis)

### 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	1685		1245	389	0	0
12.250	9.625 J-55	40.0	0	5706		1695	407	0	0
8.750	5.500 P-110	20.0	0	15489		1950	741	50	0

### 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	10561							

### 25. Producing Intervals

### 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
LEA) BONE SPRING, SOUTH	10661	15455	10661 TO 15455	0.420	1288	OPEN
B)						
C)						
D)						

### 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10661 TO 15455	613 BBLs HCL + 139541 BBLs SW W/4542604# 100 MESH + 2596823# 40/70 SAND

### 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/11/2019	01/15/2020	24	→	363.0	759.0	663.0	35.0	0.82	GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI 200	1100.0	→	363	759	663	2091	POW	

### 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #504853 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

**28b. Production - Interval C**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

**28c. Production - Interval D**

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
**SOLD**

**30. Summary of Porous Zones (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

**31. Formation (Log) Markers**

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	1590	1954	ANHY	BONE SPRING	8528
SALADO	1955	3537	SALT	1ST BONE SPRING SS	9656
YATES	3538	3830	SS & SH	2ND BONE SPRING SS	10161
CAPITAN REEF	3831	5326	DOL & LS		
DELAWARE MTN GR	5627	8527	SS, SLTST, & SH		
BONE SPRING	8528	9655	LS & SH		
1ST BONE SPRING SS	9656	10160	SS, SLTST, & SH		
2ND BONE SPRING SS	10161	10943	SS, SLTST & SH		

32. Additional remarks (include plugging procedure):  
**GAS WAS BOTH SOLD AND USED ON LEASE FOR INJECTION/GAS LIFT**

**33. Circle enclosed attachments:**

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #504853 Verified by the BLM Well Information System.  
 For CHISHOLM ENERGY OPERATING, LLC, sent to the Hobbs**

Name (please print) JENNIFER ELROD Title SR. REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 02/27/2020

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\***